

From rishmael@texhoma.net Wed Sep 18 14:49:41 1996  
Received: from id1.texhoma.net (id1.texhoma.net [206.41.143.11]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA13449 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 14:49:38 -0500 (CDT)  
Received: from texsip00.texhoma.net (texsip00.texhoma.net [206.41.143.30]) by id1.texhoma.net (8.6.12/8.6.12) with SMTP id OAA17152 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 14:52:03 -0500  
Date: Wed, 18 Sep 1996 14:52:03 -0500  
Message-Id: <1.5.4.16.19960918144702.36476492@texhoma.net>  
X-Sender: rishmael@texhoma.net  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: regional\_freq@tapr.org  
From: "Rex H. Ishmael" <rishmael@texhoma.net>  
Subject: list died

Has this list died?.. should I unsubscribe?

=====  
Rex Ishmael, Sr. Environmental Engineer, Halliburton Energy Services  
E-Mail: rishmael@halnet.com (work)  
E-Mail: rishamel@texhoma.net (home)  
Amatuer Mail: WD0AJG@WD0AJG.#SCOK.OK.USA.NOAM  
=====

From danp@comp.uark.edu Wed Sep 18 16:05:08 1996  
Received: from comp.uark.edu (danp@comp.uark.edu [130.184.253.197]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA15495 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 16:05:06 -0500 (CDT)  
Received: from localhost (danp@localhost) by comp.uark.edu (8.7.5/8.7.3) with SMTP id QAA13958 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 16:04:53 -0500 (CDT)  
Date: Wed, 18 Sep 1996 16:04:51 -0500 (CDT)  
From: Dan Puckett <danp@comp.uark.edu>  
To: regional\_freq@tapr.org  
Subject: Re: [REGIONAL\_FREQ:95] list died  
In-Reply-To: <1.5.4.16.19960918144702.36476492@texhoma.net>  
Message-ID: <Pine.SOL.3.94.960918160025.1084W-100000@comp.uark.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

No, Rex - just very quiet. In fact there are some relevant comments floating around on some other lists that I thought I might cross-post to spark a little action over here. The subject of packet "coordination" seems to be heating up out in the world. Give me a day or two...

73, Dan

On Wed, 18 Sep 1996, Rex H. Ishmael wrote:

> Has this list died?.. should I unsubscribe?

From mel@mo.net Wed Sep 18 20:42:02 1996

Received: from Walden.MO.NET (root@walden.mo.net [199.250.196.5]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA24596 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 20:41:54 -0500 (CDT)  
Received: from wang (pm5x4.dialip.mo.net [205.139.231.164]) by Walden.MO.NET (8.7.4/8.6.10) with SMTP id VAA29572 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 21:00:07 -0500 (CDT)  
Message-Id: <2.2.32.19960919014207.006a6ea4@mo.net>  
X-Sender: mel@mo.net  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Wed, 18 Sep 1996 20:42:07 -0500  
To: regional\_freq@tapr.org  
From: Mel Whitten <mel@mo.net>  
Subject: Re: [REGIONAL\_FREQ:96] Re: list died

Yes, Rex...I believe there will be some more discussion soon regarding packet freq coordination. So, please stay tuned. The TAPR/DCC conference is this weekend so I would expect there will be a few relevant comments spoken between the rain drops.

mel, k0pfx

At 04:08 PM 9/18/96 -0500, you wrote:  
>No, Rex - just very quiet. In fact there are some relevant  
>comments floating around on some other lists that I thought  
>I might cross-post to spark a little action over here. The  
>subject of packet "coordination" seems to be heating up out  
>in the world. Give me a day or two...  
>  
>73, Dan  
>  
>  
>On Wed, 18 Sep 1996, Rex H. Ishmael wrote:  
>  
>> Has this list died?... should I unsubscribe?  
>  
>  
>  
Mel Whitten, K0PFX

From jeff@mich.com Wed Sep 18 21:46:25 1996  
Received: from server1.mich.com (root@server1.mich.com [198.108.16.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26784 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 21:46:23 -0500 (CDT)  
Received: from gw-aerodata.mich.com (gw-aerodata.mich.com [198.108.16.240]) by server1.mich.com (8.7.4/8.7.3) with SMTP id WAA25922 for <regional\_freq@tapr.org>; Wed, 18 Sep 1996 22:46:22 -0400  
Message-Id: <1.5.4.32.19960919024552.00726db4@mich.com>  
X-Sender: jeff@mich.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Date: Wed, 18 Sep 1996 22:45:52 -0400  
To: regional\_freq@tapr.org  
From: Jeff King <jeff@mich.com>  
Subject: Re: list died

>On Wed, 18 Sep 1996, Rex H. Ishmael wrote:  
>  
>> Has this list died?... should I unsubscribe?  
>

Had hoped to get a flavor for the group before posing this question, but here goes anyways:

How does one personally protect oneself with regards to potential frequency coordination issues? I'm referring to cases where either an existing 'voice' coordination group will not release frequencies to packet operation or an existing packet coordination group 'favors' a particular group of people over another ('My network is better than your network...').

Short of going off the air, I'm interested in what actions an individual should take to protect one's self against self-serving frequency coordinators.

Thanks.

-Jeff WB8WKA

From wb6yru@arasmith.com Thu Sep 19 05:05:54 1996  
Received: from arasmith.com (Arasmith.Arasmith.com [192.135.76.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA13597 for <regional\_freq@tapr.org>; Thu, 19 Sep 1996 05:05:30 -0500 (CDT)  
Received: (from wb6yru@localhost) by arasmith.com (8.7.3/8.7.3) id DAA05585 for regional\_freq@tapr.org; Thu, 19 Sep 1996 03:09:35 -0700 (PDT)  
Date: Thu, 19 Sep 1996 03:09:35 -0700 (PDT)  
From: Gary Mitchell <wb6yru@arasmith.com>  
Message-Id: <199609191009.DAA05585@arasmith.com>  
To: regional\_freq@tapr.org  
Subject: Re: packet vs voice allocations

Jeff WB8WKA wrote:

> How does one personally protect oneself with regards to potential  
> frequency coordination issues? I'm referring to cases where  
> either an existing 'voice' coordination group will not release  
> frequencies to packet operation or an existing packet coordination

Good question, Jeff. This may not be exactly along the same lines, but let me add to it a bit with a specific case...

The NCPA (No. CA Packet Assn.) has a problem like this in our region. NARCC, the repeater coordinator in the area has the 70cm band pretty much "spoken for." Except for the ATV sub-bands, they claim to control the whole band. There are just a couple of simplex FM voice frequencies and

one freq. (count 'em... one) for packet. They claim there's nothing left, yet they will coordinate packet usage on a case by case basis. This really rubs me the wrong way since they're not a digital coordinator.

Since part of what the NCPA does is digital freq. allocation, our board was wondering how to go about getting a small block of frequencies in the 70cm band without things turning ugly. The best way to proceed is not obvious.

Gary, WB6YRU  
NCPA

From 73303.3537@compuserve.com Fri Sep 20 15:48:02 1996  
Received: from arl-img-7.compuserve.com (arl-img-7.compuserve.com [149.174.217.137]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA16579 for <regional\_freq@tapr.org>; Fri, 20 Sep 1996 15:48:00 -0500 (CDT)  
Received: by arl-img-7.compuserve.com (8.6.10/5.950515) id QAA28908; Fri, 20 Sep 1996 16:45:19 -0400  
Date: Fri, 20 Sep 1996 16:43:27 -0400  
From: "Mark J. Thompson" <73303.3537@compuserve.com>  
Subject: Interesting...  
To: Carl Bergstedt <cberg@GRAYFOX.SVS.COM>, Digital Coordinators <regional\_freq@tapr.org>, Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>, Bob Van Valzah <BOB@GRAYFOX.SVS.COM>  
Message-ID: <199609201645\_MC1-9A6-CF1D@compuserve.com>

----- Forwarded Message -----

From: INTERNET:WhitBrown@aol.com, INTERNET:WhitBrown@aol.com  
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU  
DATE: 9/20/96 2:26 PM

RE: Interesting...

Sender: whitbrown@aol.com  
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by hil-img-6.compuserve.com (8.6.10/5.950515) id PAA06110; Fri, 20 Sep 1996 15:21:14 -0400  
From: <WhitBrown@aol.com>  
Received: from emout03.mail.aol.com (emout03.mx.aol.com [198.81.11.94]) by cs.tamu.edu (8.7.6/8.7.3) with SMTP id OAA10306 for <coordinator@cs.tamu.edu>; Fri, 20 Sep 1996 14:13:32 -0500 (CDT)  
Received: by emout03.mail.aol.com (8.6.12/8.6.12) id PAA22007 for coordinator@cs.tamu.edu; Fri, 20 Sep 1996 15:13:59 -0400  
Date: Fri, 20 Sep 1996 15:13:59 -0400  
Message-ID: <960920151359\_106696933@emout03.mail.aol.com>  
To: coordinator@cs.tamu.edu  
Subject: Interesting...

Snip from latest ARRL Letter Update of 9/20/96...

>

>\* Help wanted: The ARRL Washington Office has an opening for an electronics  
>engineer (BSEE or equivalent experience) with spectrum-management  
>experience. Duties would include representing the interests of Amateur  
Radio

>to US government agencies, the ITU and regional organizations. Public  
>speaking ability, professional-quality writing and the ability to deal  
with  
>people from other countries are essential. Spanish language skills are a  
>plus. Send resume and salary expectations to R. Boucher, ARRL, 225 Main  
St,  
>Newington, CT 06111; fax 860-594-0298.  
>

From nealwinters@cyberia.com Mon Sep 23 21:41:11 1996  
Received: from cyberia.com (cyberia.com [205.160.224.234]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id VAA11795 for <regional\_freq@tapr.org>; Mon, 23 Sep  
1996 21:41:07 -0500 (CDT)  
Message-Id: <199609240241.VAA11795@tapr.org>  
Received: from default by cyberia.com  
with SMTP (IPAD 1.12) id 3751800 ; Mon, 23 Sep 96 22:40:04 EST  
From: "Neal Winters" <nealwinters@cyberia.com>  
To: <regional\_freq@tapr.org>  
Date: Thu, 26 Sep 1996 10:24:13 -0400  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Looking for Info... Will appreciate any....  
R....  
- Neal - N3XYW

.....  
.....

> To: Greg Jones wd5ivd@tapr.org  
> From: Neal Winters  
>  
> Ref: Repeater locations Southwest of Tucson.  
>  
> Dear Greg:  
>  
> I Winter over in the mountains about 40 miles southwest of Tucson.  
> Specifically about 12 / 13 miles outheast of Three Points. I can see  
> Keystone Peak and Baviquavari from my trailer.  
>  
> Are there any VHF repeaters in that area that I can avail myself to ???  
>  
> I have the 1996 Repeater atlas but that doesn't list all the repeaters

and  
> last year when I was there I didn't have a license. now I do and have a  
> hand held  
> VHF , Plan to do packet as soon as my budget catches up .  
>  
> Appreciate any info... Thanks .... - Neal -  
>  
>  
> Neal E. Winters  
>  
> N3XYW  
>  
> nealwinters@juno.com or nealwinters@cyberia.com  
>  
> If you have no info perhaps you could fwd this req for info to someone  
who  
> might.  
>  
> Sincerely  
>  
> - Neal -  
>

From KN4AQ@aol.com Sat Sep 28 11:58:32 1996  
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA14655 for <regional\_freq@tapr.org>;  
Sat, 28 Sep 1996 11:58:30 -0500 (CDT)  
From: KN4AQ@aol.com  
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id MAA14399; Sat, 28 Sep 1996  
12:57:59 -0400  
Date: Sat, 28 Sep 1996 12:57:59 -0400  
Message-ID: <960928125758\_295640567@emout15.mail.aol.com>  
To: coordinator@cs.tamu.edu  
cc: bruninga@nadn.navy.mil, regional\_freq@tapr.org  
Subject: 144.30 - 144.50 (former Satellite band)

Comments made recently on the coordinator's remailer indicate that AMSAT has  
no future plans for the band segment 144.3 to 144.5 for satellite use, either  
as user frequencies, or nonpublished command and control channels.

There is some use in that band segment now. Let me correct myself on the  
space shuttle frequencies I mentioned in an earlier note to Whit:

144.45 and 144.47 are alternate voice uplink channels for general Space  
Shuttle contacts, used only when a MIR docking is involved, such as the  
recently completed mission to retrieve Shannon Lucid. These alternate  
frequencies are used to avoid conflicts with MIR's simplex operation on  
145.55. The alternate voice downlink frequency for these missions is 145.84.

144.49 is the regular Shuttle packet uplink channel, in use whenever the  
packet mode is operating on the shuttle (with 145.55 as the downlink).  
Packet is not used during MIR docking missions.

But, the "opening" of 144.30 to at least 144.43 is of great significance -- not to repeaters, of course, but to VHF band planners in general. It shines the spotlight on the question: Who are the VHF band planners, especially where repeaters are not involved? NFCC? ARRL?

Should packet expand further into this band segment? Are there any other uses for it that need it more? APRS at 144.43?

Gary KN4AQ  
VP/FC Packet>East of NC

From ba395@freenet.toronto.on.ca Sat Sep 28 14:53:32 1996  
Received: from mail.torfree.net (root@danforth.torfree.net [199.71.188.17]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA20136 for <regional\_freq@tapr.org>; Sat, 28 Sep 1996 14:53:30 -0500 (CDT)  
Received: from queen.torfree.net ([199.71.188.22]) by mail.torfree.net (/=\=/\ Smail3.1.28.1 #28.6; 16-jun-94)  
via sendmail with smtp id <m0v75Qg-000UnwC@mail.torfree.net> for <regional\_freq@tapr.org>; Sat, 28 Sep 96 15:52 EDT  
Received: by queen.torfree.net (Smail3.1.28.1 #6)  
id m0v75Qf-0000hVC; Sat, 28 Sep 96 15:52 EDT  
Date: Sat, 28 Sep 1996 15:52:01 -0400 (EDT)  
From: Dana Shtun <ba395@freenet.toronto.on.ca>  
Subject: Re: 144.30 - 144.50 (former Satellite band)  
To: KN4AQ@aol.com  
cc: coordinator@cs.tamu.edu, bruninga@nadn.navy.mil, regional\_freq@tapr.org  
In-Reply-To: <960928125758\_295640567@emout15.mail.aol.com>  
Message-ID: <Pine.3.89.9609281546.A1496-01000000@queen>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would like to comment on the substance of the attached comments from KN4AQ. Having been personally involved in putting the bandplanning process on track here in Canada over the last 15 years (seem like yesterday) first under the auspices of the Canadian Radio Relay League (CRRL) and now with Radio Amateurs of Canada (RAC), it is clear to me that no everyone can be 100 percent happy with ANY bandplan .... even here in Canada with our relatively small VHF population and VAST geographic dispersion...unfortunate but true.... we have been able to accommodate most of the variety of modes and activities with a minimum of disruptive behaviour.

Comments: 144.3 - 144.5 needs attention... DIGITAL modes do need a spot to evolve and "spread". If digital voice is ever to supplant/augment analog voice FM or even SSB on VHF this is a good place to experiment. Low power packet can go in here too. WRT to space communications, we have few VHF UHF bands that are commonly licensed across regions 1,2,and 3 so we ought to focus on a global perspective, given the future developments in manned space activity (MIR, FREEDOM and future shuttle (space plane) projects...), remembering that these activities help to justify our existence by showing that our resources can be used to educate our kids rather than for self ingratiation....

APRS and other digital modes do need to be coordinated with space

communications in the sub band 144.3 - 144.5 . I would like to know just WHO decided to use that portion of 2 metres, who did the coordination work with regions 1, 2, and 3 national societies and when it was ratified by IARU and our national societies, because I can find no record of such coordination.

Likewise in the sub band 144.0 - 144.1 I see that EME allocations are spreading well above 144.1 yet NO one has sought to coordinate this with existing terrestrial users or national societies.. (!)... so we still have some rough spots to smooth over... and it's going to get more complex every year from now on due to population pressures, new technologies and loss of VHF UHF spectrum.... again check out the RAC home page on the WWW and lets see how we can reduce problems on 2 metres.... 73 Dana VE3DSS

On Sat, 28 Sep 1996 KN4AQ@aol.com wrote:

>  
> Comments made recently on the coordinator's remailer indicate that AMSAT has  
> no future plans for the band segment 144.3 to 144.5 for satellite use, either  
> as user frequencies, or nonpublished command and control channels.  
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> the spotlight on the question: Who are the VHF band planners, especially  
> where repeaters are not involved? NFCC? ARRL?  
>  
> Should packet expand further into this band segment? Are there any other  
> uses for it that need it more? APRS at 144.43?  
>  
> Gary KN4AQ  
> VP/FC Packet>East of NC  
>

Dana Shtun, VE3DSS  
Chair RAC Spectrum Mgt Committee  
Editor 6 Metres and Down in TCA  
QRV 50 thru 1300 MHz!

From bruninga@nadm.navy.mil Sat Sep 28 15:15:36 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by



tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id PAA21133 for <regional\_freq@tapr.org>;  
Sat, 28 Sep 1996 15:15:34 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil  
(8.7.5/8.7.3) with SMTP id QAA11389; Sat, 28 Sep 1996 16:20:33 -0400 (EDT)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Sat, 28 Sep 1996 16:20:32 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: KN4AQ@aol.com  
cc: coordinator@cs.tamu.edu, regional\_freq@tapr.org, amsat-bb@amsat.org,  
ka3hdo@amsat.org  
Subject: Re: 144.30 - 144.50 (former Satellite band)  
In-Reply-To: <960928125758\_295640567@emout15.mail.aol.com>  
Message-ID: <Pine.GSO.3.95.960928161104.11121E-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Sep 1996 KN4AQ@aol.com wrote:

> Comments made recently on the coordinator's remailer indicate that AMSAT has  
> no future plans for the band segment 144.3 to 144.5 for satellite use, either  
> as user frequencies, or nonpublished command and control channels.

Not only do I find the above statment impossible to believe due to  
numerous PACSAT uplinks in that range plus most scheduled (non published)  
SAREX activities, BUT

Dont forget 144.34 as the nationwide high altitude balloon frequency.  
Almost every balloon that goes up carries a 2m transmitter on this  
frequency. Protection out 450 miles is required for these launches due  
to altitudes of over 100,000 feet (18 miles up!).

This, channel must be preserved. There is typically a launch somewhere  
just about every other weekend these days. Plus LOTS OF PREPARATORY  
TESTING. These devices are ALWAYS XTAL controled due to size and weight  
constraints.

de WB4APR@amsat.org

From kn4aq.gary@mms.net Sat Sep 28 21:02:54 1996  
Received: from MMS.NET (proton.mms.net [166.82.249.3]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id VAA08053 for <regional\_freq@tapr.org>; Sat, 28 Sep  
1996 21:02:51 -0500 (CDT)  
Received: from kn4aq.gary.mms.net by MMS.NET  
with SMTP (IPAD 1.12) id 3746800 ; Sat, 28 Sep 96 19:59:37 EST  
Message-ID: <324DD8D2.208@mms.net>  
Date: Sat, 28 Sep 1996 22:02:58 -0400  
From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>  
X-Mailer: Mozilla 2.0 (Win95; I)  
MIME-Version: 1.0  
To: regional\_freq@tapr.org  
CC: Coordinator Remailer <coordinator@cs.tamu.edu>, "bruninga"@nadn.navy.mil  
Subject: Re: 144.30 - 144.50 (former Satellite band)  
References: <Pine.GSO.3.95.960928161104.11121E-100000@arctic>

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Copied below is a reply I received from Bob WB4APR (author of APRS) on activity existing in the 144.3 - 144.5 region of two-meters:

> I wrote:  
>  
>Comments made recently on the coordinator's remailer indicate that AMSAT has  
>no future plans for the band segment 144.3 to 144.5 for satellite use,  
>either as user frequencies, or nonpublished command and control channels.

Bob Bruninga replied:

>  
> Not only do I find the above statment impossible to believe due to  
> numerous PACSAT uplinks in that range plus most scheduled (non published)  
> SAREX activities, BUT

Thanks for the info, Bob. Let's double-check, since I'm not a satellite expert by any means. My list of satelllites shows all uplink/downlinks for 2 meters in the 145.8 - 146.0 range. For example:

AMSAT-OSCAR 16 aka PACSAT  
1200 bps Manchester FSK Uplinks:  
145.900 MHz  
145.920 MHz  
145.940 MHz  
145.960 MHz

I find no satelllites listed with uplinks or downlinks in the 144 range.

The SAREX channels, however, are unquestionably correct. In addition to those I mentioned, SAREX uses several other frequencies in the 144 area, plus some in the 145 area now also occupied by packet systems, for school contacts. (I know, we had a SAREX contact for area schools in 1992, and used channels in both areas of the band).

>  
> Dont forget 144.34 as the nationwide high altitude balloon frequency.  
> Almost every balloon that goes up carries a 2m transmitter on this  
> frequency. Protection out 450 miles is required for these launches due  
> to altitudes of over 100,000 feet (18 miles up!).  
>  
> This, channel must be preserved. There is typically a launch somewhere  
> just about every other weekend these days. Plus LOTS OF PREPARATORY  
> TESTING. These devices are ALWAYS XTAL controled due to size and weight  
> constraints.  
>

And this was one I was unaware of, despite reading about almost every balloon launch that might float within range of NC. Likely I just missed the common frequency.

So, there's yet more to think about in that range.

And the question remains: who does the band planning for this spectrum?

73,  
Gary KN4AQ

--

Gary Pearce           Avid/Video Editor   Internet:kn4aq.gary@mms.net  
116 Waterfall Ct.   Franklin Video  
Cary, NC 27513           Raleigh, NC  
919-380-9944           919-833-8888       Ham Radio: KN4AQ

From ba395@freenet.toronto.on.ca Sun Sep 29 08:37:46 1996  
Received: from mail.torfree.net (root@danforth.torfree.net [199.71.188.17]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA29780 for <regional\_freq@tapr.org>;  
Sun, 29 Sep 1996 08:37:44 -0500 (CDT)  
Received: from queen.torfree.net ([199.71.188.22]) by mail.torfree.net  
(/\==/\ Smail3.1.28.1 #28.6; 16-jun-94)  
via sendmail with smtp id <m0v7M2e-000UmtC@mail.torfree.net>  
for <regional\_freq@tapr.org>; Sun, 29 Sep 96 09:36 EDT  
Received: by queen.torfree.net (Smail3.1.28.1 #6)  
id m0v7M2d-0000hVC; Sun, 29 Sep 96 09:36 EDT  
Date: Sun, 29 Sep 1996 09:36:18 -0400 (EDT)  
From: Dana Shtun <ba395@freenet.toronto.on.ca>  
Subject: Re: 144.30 - 144.50 (former Satellite band)  
To: Gary Pearce KN4AQ <kn4aq.gary@mms.net>  
cc: regional\_freq@tapr.org, Coordinator Remailer <coordinator@cs.tamu.edu>,  
    bruninga@nadn.navy.mil  
In-Reply-To: <324DD8D2.208@mms.net>  
Message-ID: <Pine.3.89.9609290913.B9213-01000000@queen>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

again who coordinated 144.34 and sought approval in the US and Canada????  
We need some heavy consultation here gentlemen.

Dana Shtun, VE3DSS  
Chair RAC Spectrum Mgt Committee  
Editor 6 Metres and Down in TCA  
QRV 50 thru 1300 MHz!

From nealwinters@cyberia.com Sun Sep 29 21:40:46 1996  
Received: from cyberia.com (cyberia.com [205.160.224.234]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id VAA21548 for <regional\_freq@tapr.org>; Sun, 29 Sep  
1996 21:40:44 -0500 (CDT)  
Message-Id: <199609300240.VAA21548@tapr.org>  
Received: from default by cyberia.com  
    with SMTP (IPAD 1.4a) id 3326100 ; Sun, 29 Sep 96 22:40:09 EST  
From: "Neal Winters" <nealwinters@cyberia.com>  
To: <regional\_freq@tapr.org>  
Subject: subscribe nealwinters@cyberia.com  
Date: Wed, 2 Oct 1996 22:39:03 -0400  
X-MSMail-Priority: Normal  
X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

subscribe

nealwinters@cyberia.com